Environmental Security Technology Implementation Committee (ESTIC) Workshop

Col Brian D. McCarty
SAF/MIQ

Purpose

- Discuss the Status of the Comprehensive, Integrated List of DOD's ESOH User Requirements

Overview

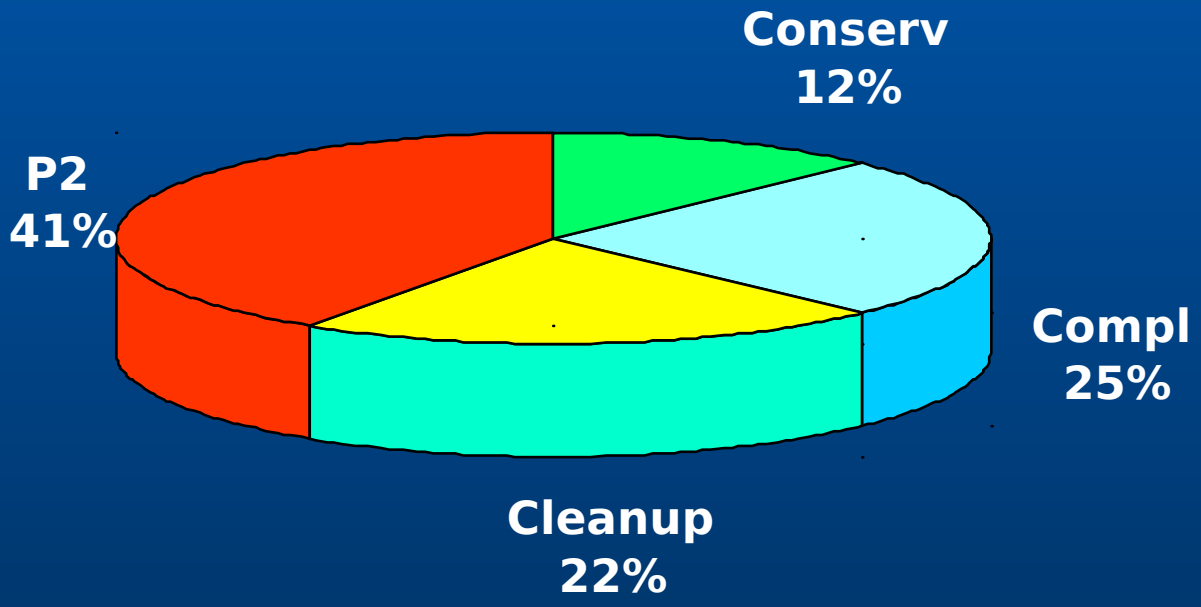
- Status of the Current List
- Current Service Requirements
- Commonality
- Recommendations for Improvement

Status of Current List

- Need Collection Accomplished Under ESTRG
  - Modified ENP database
  - Service inputs into AF
  - Complied List
  - Published ‘95 and ’97 *(DOD Environmental Requirements Strategy)*
- Compiled List Resides on ESTRG Website
- Compiled List Was Assessed against DOD “Greenbook”

Current Service Requirements

Tri-Service Needs By **Pillars**



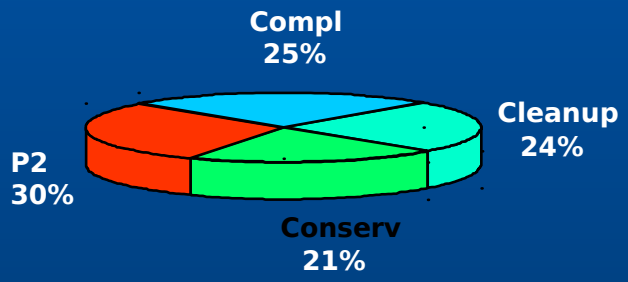
722 1997 DoD Technology Requirements

462 Current DoD Technology Requirements

Current Service Requirements

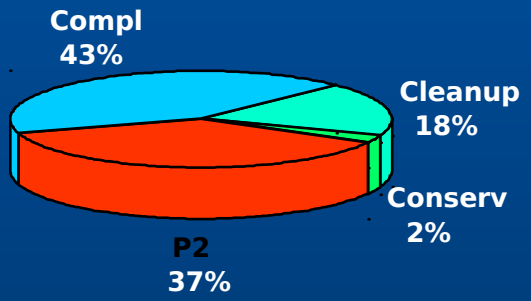
Tri-Service Needs by Service

Army



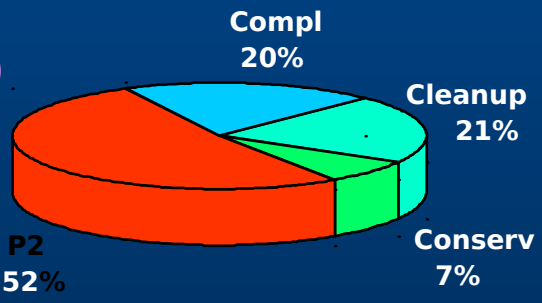
503 (1997)
143 (Current)

Navy



83 (Current)

Air Force



136 (Current)

Commonality

Commonality Across Services

- Cleanup - 90+%
- Compliance - 60 - 70%
- Pollution Prevention - 35-50%
- Conservation/Stewardship - Minor commonalities

Commonality

High degree of Commonality

- Unexploded ordnance (UXO) remediation
- Paints, coatings, solvents,
  - 3 Army and 3 Air Force Needs
- Volatile organic compound (VOC) control, air emissions control and modeling, waste water treatment, oil-water separators, blast media, ozone depleting substances, HAP control

Commonality

Medium degree of commonality

- General noise monitoring and impact analysis, military clothing disposal, non-polluting vehicles, biodegradable packaging, energy recovery from solid waste

Low commonality - service or site specific

- Environmental stds for troop mobilization, shipboard P2 and medical waste, biofouling, harm to protected or endangered marine species

Recommendations for Improvement

- Each Service Has a Web-based Needs Collection Process
  - Tailored to each Service
  - Each Service maintains it's own list
  - Real time
- Need to Define Commonality
- Need to Develop a Strategy Around Service Commonality